



~~SECRET~~

ZCZCCRD003SPA150  
PP YEKHQA  
DE YEKAH 598 3432046  
P R 092027Z  
FM DIRNSA

HANDLE VIA **BYEMAN**  
CONTROL SYSTEM

*Dec 66*

*COG*

*Y3*

RECORD OF DISCLOSURE

Code	Date	Signature
5614		<i>[Signature]</i>

TO DIRNAVSECGRU [redacted]  
INFO CNO (PASS TO MAYO)  
ZEM

~~SECRET~~ EARPOP/BYEMAN CHANNELS  
CITE NSA SPO 1733-6

SUBJECT: SIGNALS OF INTEREST, MISSION 7104

1. IT IS REQUESTED THAT THE FOLLOWING BE FORWARDED TO ALL POPPY COLLECTION STATIONS.

2. THERE ARE INDICATIONS THAT THE [redacted] EMITTER AND AN UNIDENTIFIED EMISSION HAVE A RELATIONSHIP WITH THE RE-ENTRY OF SOVIET SATELLITE VEHICLES. TO HELP RESOLVE THIS PROBLEM COLLECTION STATIONS IN THE POPPY SYSTEM ARE REQUESTED TO REPORT TO DIRNSA THE FOLLOWING:

A. INTERCEPT OF ANY [redacted] EMISSION WHEREIN THE LOWER PRF MODE (95-100PS) OR ONE HALF THAT VALUE (45-52PPS) IS NOTED.

B. INTERCEPT OF AN UNIDENTIFIED EMISSION IN THE 155-184 MCS OR 165-205 MCS BAND WHERE THE PRF IS FROM 136-140 PPS AND SCAN RATE AT/NEAR 12 OR 24 SPR. THIS INFORMATION SHOULD BE PROVIDED TO DIRNSA ON A DAILY BASIS, INDEPENDENT OF GENERAL SOI REPORTING. IT IS NOT NECESSARY TO FLAG SUBJECT RECORDINGS UNLESS THEY ARE TO BE INCLUDED IN THE REGULAR SOI REPORTS. MESSAGE CAN BE TITLED [redacted] ACTIVITY REPORT AND SHOULD INCLUDE FOLLOWING INFO:

- A) PASS NUMBER
- B) DATE
- C) PRF
- D) SCAN (SECONDS PER REVOLUTION)
- E) TIME UP, TIME DOWN

IT IS HOPED THAT THROUGH THIS EFFORT MORE TIMELY INFORMATION CAN BE DERIVED BETWEEN THESE EMISSIONS AND THEIR ROLE IN THE RE-ENTRY OF SOVIET SATELLITE VEHICLES. NO TECH FEEDBACK WILL BE PROVIDED ON THESE REPORTS.

300

NNNNUUU

~~SECRET~~

*NRL*

HANDLE VIA **BYEMAN**  
CONTROL SYSTEM

*1st Ocean Surveillance Analysis Summary Dec 1966*  
*TR 850-06NB*

*o/s file*

RR YEKHQA  
DE YEKAAM 577 3431712  
R 091440Z  
FM DIRNSA  
TO CNO  
ZEM

*Dec 66*

~~SECRET~~

*ACT Y3*

HANDLE WITH EXTREME CARE  
SECURITY SYSTEM

~~SECRET~~ EARPOP BYEMAN CHANNELS

CITE NSA SPO 1731-6  
CNO (PASS TO NRL MAYO)

1. IN RESPONSE TO NRL VERBAL REQUEST THE FOLLOWING IS A RESUME OF DATA COLLECTED ON POPPY MISSIONS IN THE GENERAL AREA DURING SOVIET FLEET EXERCISES CONDUCTED IN NORWEIGIAN SEA DURING THE PERIOD 23-29 AUG 1966. SIGNAL DENSITY WAS NORMAL. NO EMISSIONS ARE DEFINITELY KNOWN TO BE ASSOCIATED WITH FLEET ACTIVITY.

23 AUG 1966

FREQUENCY BAND	TIME UP/DOWN	NO. INTERCEPTS	IDENTITY
2650-3090 MCS	1114:55 - 1131:00	2	
685 - 930 MCS	1302:37 - 1317:25	16	
685 - 930 MCS	1825:40 - 1841:15	12	
685 - 930 MCS	1825:40 - 1841:15	3	
9050-9500 MCS	1747:53 - 1802:09	4	
5850-6750 MCS	1747:53 - 1802:09	1	

*NRL*

24 AUG 1966

2650-3090 MCS	1312:49 - 1325:35	2	
685 - 930 MCS	1835:32 - 1850:29	1	
9050-9500 MCS	1757:03 - 1811:45	11	
		1	
		8	
		1	

25 AUG 66

685 - 930 MCS	0950:36 - 1004:09	3	
9050-9500 MCS	0911:21 - 0925:29	2	
		1	
		3	
		5	
		2	
		1	

NOTE  
UNIDENTIFIED SIGNAL 3862PPS 174CPS CONICAL 09:17

2650-3090 MCS	1136:07 - 1150:19	4	
2650-3090 MCS	1321:22 - 1337:09	1	
685 - 930 MCS	1844:59 - 1900:51	4	
9050-9500 MCS	1809:47 - 1821:49	21	
		1	

26 AUG 66

685 - 930 MCS	0958:27 - 1014:02	3	
		13	
2650-3090 MCS	1145:15 - 1200:42	19	
685 - 930 MCS	1334:35 - 1347:54	1	
		34	
815 - 1080 MCS	1857:15 - 1910:19	2	
		11	
685 - 930 MCS	1857:15 - 1910:19	15	

27 AUG 1966

685 - 930 MCS	1011:45 - 1026:07	1	
		14	
685 - 930 MCS	1350:43 - 1358:17	4	
2650-3090 MCS	1720:20 - 1734:09	4	

28 AUG 66

2650-3090 MCS	1206:06 - 1220:43	12	
685 - 930 MCS	1728:56 - 1744:30	2	

29 AUG 66

685 - 930 MCS	1030:01 - 1044:08	14	
685 - 930 MCS	1739:00 - 1754:18	2	
		7	

600

OF DISCLOSURE	
Date	Signature
12/13	

HANDLE VIA BYEMAN CONTROL SYSTEM

HANDLE VIA BYEMAN CONTROL SYSTEM

~~SECRET~~